

Fort Berthold Community College

[CISCO Network Communications Administrator](#)
[Computer Information Systems](#)
[Computer Science](#)

Certificate of Completion
Associate of Applied Science degree
Associate of Science degree

CISCO Network Communications Administrator

http://www.fbcc.bia.edu/pdf_folder/programs/CISCO_network_communications_administrator.pdf

All four classes must be taken before the CCNA industry certification test can be administered. However, a certificate of completion from FBCC will be handed out when a course is complete.

Professional course requirements:	Credits
CIS 265 CISCO Networking	4
CIS 266 CISCO Routing, Configuration, & Troubleshooting	4
CIS 267 CISCO Switching & LAN Topologies	4
CIS 268 CISCO Switching & Project Management	4
Cumulative Hours: 16	

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Computer Information Systems

http://www.fbcc.bia.edu/pdf_folder/programs/computer_information_systems.pdf

Mission of the Computer Information Systems Network Specialist degree is designed to prepare students for the information technology job market. The program will prepare students to enter the work force with the knowledge, skills, and experience required to compete for jobs in computer technology. Students may elect to obtain Professional Certification or Certificates of Mastery. Professional Certification is awarded upon successful completion of a national/industrial certification exam. Certificates of Mastery are used to determine competencies when national exams are not available. The Certificates of Mastery are given to students who have shown mastery level work based on recommended standards of business and industry. Professional Certification or Certificates of Mastery are available in CISCO Network Communication Administrator (CCNA), and Microsoft Certified Systems Administrator (MCSA). Typical job titles for holders of the MCSA and/or CCNA Certifications are Network Administrators, Network Specialist, Systems Administrators, Information Systems Administrator, and Technical Support Specialist.

CIS 235 Implementing Microsoft Windows 2000 Professional	2
CIS 236 Implementing Microsoft Windows 2000 Server	3
CIS 237 Implementing a Microsoft Windows 2000 Network Infrastructure	3
CIS 238 Managing a Microsoft Windows 2000 Network Environment	3
CIS 265 CISCO Networking	4
CIS 266 CISCO Routing, Configuration, & Troubleshooting	4
CIS 267 CISCO Switching & LAN Topologies	4
CIS 268 CISCO Switching & Project Management	4
Electives (Choose Four) meet or exceed 13 credits	13
BOTE 102 Keyboarding I	3
BOTE Microsoft Office Suite	3
CIS 299 Internship	4
ENGL 250 Introduction to Professional Writing	3
CSCI 122 Visual Basic	4
CSCI 124 Introduction C++	4
GAT 111 Graphics Art	3
Total:	40
General Education Requirements	20
CIS Degree in Applied Science	60
General Education Course Requirements: See: General Education pages 69, 70, & 71	
Cumulative Hours:	60

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Computer Science

http://www.fbcc.bia.edu/pdf_folder/programs/computer_science.pdf

The Associate of Science in Computer Science is designed to prepare students for transfer to a four year degree or employment in technical or scientific applications of computing, such as software research and development, statistical program design, corporate IT development, etc. This program places emphasis on higher levels of math and problem solving.

Professional Required Courses:

CSCI 122 Visual Basic	4
CSCI 124 Introduction to C++	4
CSCI 160 Computer Science I	3
CSCI 161 Computer Science II	3
MA 208 Discrete Mathematics	4
MA 211 Calculus I	4
Electives CSCI, MA (208 or above), CIS	8

Total Semester Hours: 30

General Education Requirements:

See: General Education pages 69, 70, & 71

Total Semester Hours	36
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Cumulative Hours: 66

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